SECTION 2. INSTALLATION

The installation for the MICR Reader is as follows:

REQUIREMENTS

The following is required for the Installation:

- MINI MICR WEDGE With Optional 3-Track or 2-Track MSR
- Interface Cable, Mini DIN 6 pin, Part Number 22517501 or
  Interface Cable, Large DIN 5 pin, Part Number 22517503
- AC Power Adapter with Cable, 120VAC to 12 VAC, 1 Amp, Part Number 64300050

PROCEDURE

To install the MICR Reader, refer to Figure 2-1 and perform the following steps:

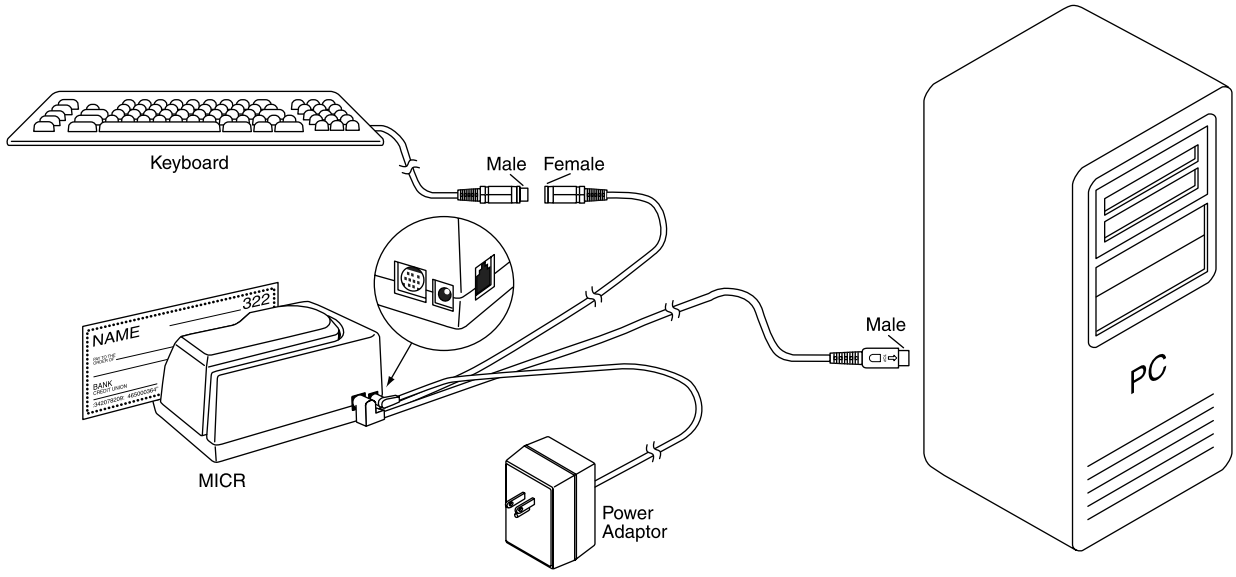

Figure 2-1. MICR Interface Cabling

1. Power off the PC.

2. Disconnect the keyboard from the PC.

3. On the interface cable, connect the 9-pin male DIN connector to the MICR Reader.

4. On the interface cable, connect female DIN connector to the keyboard cable. Pin lists and connector illustrations are shown in Appendix E.

5. On the interface cable, connect the male DIN connector to the PC.

6. On the AC power adapter, connect the jack to the plug on the MICR Reader.

7. On the AC power adapter, connect the plug to the wall outlet.

8. Power the PC on. The LED indicator on the MICR Reader should turn on to a steady green. The LED indicator is located below the slot where the check is first inserted for reading.

Caution

Do not place the MICR Reader within 6 inches of a computer monitor or power supply. These devices may cause undesirable interference with the check reading operation.

SECTION 3. OPERATION

This section contains check and card reading procedures and LED indicator states.

CHECK READING PROCEDURE

1. Orient the check so the MICR line is down and the printed side faces the center on the MICR Reader as shown in Figure 3-1.

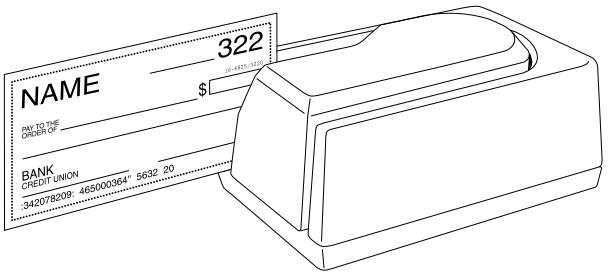

Figure 3-1. Check Orientation

2. Drop the check so the leading edge is in the open slot.

3. When the MICR Reader detects the presence of the check, the motor will turn on. At this time gently urge the check forward until the unit grabs the check. When this happens, release the check. The check will then be transported around the check path and will exit through the other side.

4. After the check is read, the MICR Reader will transmit the data as specified by the parameters described in Section 4, Commands.

CARD SWIPE PROCEDURE

The card may be swiped through the MSR in either direction, but the magnetic stripe must be oriented in only one direction as shown in Figure 1-1. The MICR Reader will transmit raw card data ("as is" on the card) for all tracks that have been enabled using the HW (Hardware) command (Section 4, Commands).

The MSR is capable of reading ISO, AAMVA, and CDL encoded cards. The MSR will autodiscriminate all the card formats when the ID Card Decoding option is enabled using the HW (Hardware) command (Section 4, Commands).

LED INDICATOR

Table 3-1 describes the LED indicator conditions for check and card reading operations. The LED indicator is located below the slot where the check is first inserted for reading.

Table 3-1. LED indicators

LED INDICATOR	DESCRIPTION
OFF	Power off
SOLID GREEN	Ready to read check or card
OFF→ SOLID RED	Check or card read error
OFF→ SOLID GREEN	Good read
FLASH GREEN	Needs initialization*
FLASH RED/GREEN	Data sensor blocked (motor does not run)*
FLASH RED	Motor sensor blocked (motor does not run)*
FLASH GREEN FAST	Monitor mode (factory use only)*

*Refer to “Appendix C. Troubleshooting Guide.”